

Hamsplatter

September 1999

Volume 28 Issue 9

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N9WS 471-5492

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KB9OZH 482-1967

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WB9SSE 637-1989

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Bob Streeter
W8ST 672-9737

Communications

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Steve Nardin
WB9ZIY 483-4039

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WB9RUS 637-1989

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N9NRO 485-4012

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KB9LOF 485-4067

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President's Corner



Fall is rapidly approaching along with antenna season. If you haven't experienced it yet, then you are probably new the amateur radio hobby. Any seasoned Ham knows that if you want an antenna that will perform well the only time to put it up is when the weather is very foul. The best antenna I have ever put up was during the winter with a temperature below 20° F and a wind above 15 m.p.h.! Oh, I almost forgot about the sleet and snow mixture that was coming down at the time...

Elections are coming up in October for club officers for year 2000. This is a great opportunity to serve and have your name on the 00 roster of club officers! Seriously, several key offices will be available including President and Vice-President. We have several new members that have joined the club during the past year and they are encouraged to participate as a club officer as well as long time members. Bill Hall (WD9HII) has agreed to head the nomination committee again this year. If you want to nominate someone or yourself for a club office, please contact Bill at 485-3995. We will review the slate that Bill is able to assemble during our September meeting and open the floor for additional nominations. The one key rule to follow is to make sure the nominee is willing to serve in the position for which he is nominated.

Yes, there has been a problem with the 146.76 repeater. A second attempt to fix it will occur on 9/1 which will hopefully be more fruitful than the first attempt. Hopefully by the time you read this article it will be in full operation.

Next Regular Meeting will be on Friday, September 17 at 7:30 PM at the Good Shepherd United Methodist Church at the corner of Vance and Reed. The program following the meeting will be presented by Greg White N9EYO (a new member!) on the school club he sponsors.

See you there!

73s

Bill Stockslager (N9WS)

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Volunteers Needed

Volunteers needed to help with the air show on 16 & 17 Oct 99 at the Air National Guard.

This would be possibly from 0600-1500 in 4-6 hour shifts running a talk-in, a table with info on ham radio and the club, and general health and welfare stuff (relaying info to my unit "security" about lost kids, medical emergency's or anything of importance) and being extra eyes and ears for security purposes, relaying this info not getting involved in security other than maybe to help with communications. I am working on getting entry passes for parking (VIP/worker type) as the only parking on base will be for handicap, vendors, VIP's and workers. Interested hams need to contact me ASAP via e-mail or voicemail (625-2976). The voicemail will state you have contacted my home # of 799-5901 but the 625 # is local for the Ft. Wayne area.

This is the first time we have tried this and will try to use all that are interested, and anyone in the worker's vehicle will also get in past the police roadblocks to park. Whatever type of advertisement the club has to put up or handouts, I will find a place to put that will get good visibility for the club.

Continued on page 2

**Next Club Meeting - Friday,
September 17, 1999, 7:30
PM**

**Good Shepherd United
Methodist Church, corner
of Vance Ave. & Reed Rd.**

**Program: Greg White
N9EYO on the school club
he sponsors.**

August Meeting Minutes

The August meeting of the Ft. Wayne Radio Club occurred on 20 August, 1999. It was held at the Good Shepherd United Methodist Church and was hosted by President Bill Stockslager. There were about 30 attendees.



Al Burke read the minutes from the July meeting. There were no corrections.

Wayne Bergamino delivered the Treasurer's report in Bob Streeter's absence. He reported that the club's total assets as of 20 August were \$11382.85 which includes the estimated value (\$4150.00) of club equipment, \$267.69 in cash and \$6954.51 in Savings and Checking. Considering the expected income and expenses through the end of this year, Bob is estimating our cash flow will be negative by about \$300.00 as of the end of the year.

Carl Rittenhouse reported that the August Foxhunt occurred as scheduled. KB9's DOT and DOS were the prey and were hole-up in the woods at the end of a dead-end street by Meyer Rd. Despite their really sneaky hiding place, they were found by N9NRO and N9LOV after much hydrocarbon consumption. Carl noted that next month's Foxhunt would commence from Shoaf Park on 13 September

starting at 6:30 pm.

Carl Rittenhouse noted that the 146.76 machine has been exhibited an intermittent output of late so will require a maintenance visit. He is planning just that the week of August 23.

Bill Stockslager reported that the Code and Theory class had completed. The effort has produced two new Hams in our community. They are sister and brother Mary, KB9VBK (age 11) and Dan (awaiting his call from the FCC and age 14).

Bill Hall announced that he is looking for Club volunteers to provide support communications for the "Children's Outdoor Adventure-99". This event will occur on Saturday 11 September at various sites including the Girl Scout Campsite, Cedar Creek, at the Isaac Walton League site, and others around the area. Bill is looking for operators to support a morning and an afternoon shift to cover the 8:00 am to 6:00 pm duration of the event.

The National Weather site at North Webster has a new Amateur call sign, WX9IWX.

Bill Hall reported that the National Weather site at North Webster has a new Amateur call sign. It is WX9IWX.

Bill Stockslager noted that Club elections are coming up. Nominations for Club Officers and for the Board of Directors are to occur during the September meeting followed by elections during the November meeting. Bill Hall once again agreed to chair the Nominating Committee, but he would appreciate some help.

Wayne Bergamino announced that although as Vice President he

is automatically on the slate for President, he would have to decline running for the office due to the demands of his jobs, and family commitments.

Bill Stockslager noted that the Christmas Banquet is scheduled to occur on 10 December this year, and will again be hosted at the Good Shepherd United Methodist Church. The featured entertainment (aside from a possible visit by Santa) will be the Jay Fox band.

Becky Stockslager conducted the 50-50 raffle. A total of \$18.00 was in the pot which was split between the Club and winner Carole Burke, WB9RUS. (Once again, the Secretary didn't see a penny).

Following the regular meeting, Dave Beltz, K9TZ provided a presentation on Radio Controlled airplanes including it's history and the technology currently employed in the hobby.

RESPECTFULLY SUBMITTED,

AL BURKE, WB9SSE

Midland NWR SAME Radios Bugs

Problems have been reported with SAME compatible weather radios manufactured by Midland Corporation. Midland has supplied these radios to some large retail outlets.

Here are two reported problems with the Midland SAME weather radios:

1) The receiver will not respond to the current Tornado or Severe Thunderstorm warning codes (TOR or SVR codes). The units will only respond to the new codes, TOW and SVW, which have not yet been approved by the FCC for EAS applications. Until those codes are approved, these radios WILL NOT work for these two types of warnings. FCC approval of the new codes may take a while. In the meantime, these radios will not respond properly.

2) The receiver software is designed to cause any STATEMENT to alert the receiver in much the same manner as a WARNING. This will cause further confusion between WATCHES & WARNINGS.

Volunteers Needed, Continued from page 1

All radio traffic will go to a controller in the base's security control center to another ham, then relayed to the appropriate personnel: i.e., Security, MRT (Medical Response Team) or Fire. My intention is to increase the Ham awareness and usage in the community and to help not only the Air Guard but also the Club.

Thanks,

Aaron Rex
KB9MDU

Any questions, contact me, via phone, e-mail or on Portside (444.300 or 146.940), or leave a message with Bill N9NAI on the same freq.'s.

FCC Tackles VEC Application Backlog

from *The ARRL Letter*

The VEC application logjam has broken! As the transition to the new Universal Licensing System completed its second week, the FCC notified Volunteer Examiner Coordinators to forward their backlog of new and upgrade Amateur Radio applications. Since the ULS went on-line August 16, the FCC had been accepting and processing only a handful of the many Amateur Radio new and upgrade applications. The ULS Task Force had expected to be able to attack the VEC application logjam last week.

ARRL-VEC Manager Bart Jahnke, W9JJ, said that data for 200 exam sessions—more than 550 applications in all, some dating back as early as August 7—were submitted for FCC processing August 26. Jahnke said another two dozen or so sessions representing an additional 75 applications were being prepared for transmittal to the FCC. Since the advent of ULS, the ARRL-VEC was only able to transmit 119 applications from 32 exam sessions. The FCC has already processed 113 of those applications. Not all VECs are set up to file under the new system.

Apologizing for the problems and pleading for patience, the FCC says the Universal Licensing System "is currently operating" and that "performance problems with ULS have been repaired," although some amateurs still report occasional difficulty accessing the system. The FCC said the ULS will be down for a system upgrade from Friday, August 27 at 5 PM Eastern until Monday, August 30 at 8 AM Eastern. The FCC plans to deploy the ULS for the Microwave Service on August 30.

Meanwhile, call sign servers such as UALR, WM7D.net, and QRZ.com, and the FCC Transaction Search on ARRLWeb have not been able to update their licensee data because the FCC has yet to post the necessary ZIP file. The ULS Task Force said last week that it anticipated ZIP file posting to become "routine" by this week, but it did not happen. The ULS Task Force said this week that it hopes to post a ZIP file update on August 30 and daily thereafter. The ZIP file is used by on-line call sign servers as well as by Volunteer Examiner Coordinators to keep track of FCC license grants.

While it's been deploying the ULS for the Amateur Service, the FCC has not processed any vanity call sign applications, although the ULS will accept vanity applications for filing and has inaugurated on-line fee payment by credit card. The last vanity call sign processing run was August 4. The ULS Task Force said it's "undetermined" when vanity processing will resume.

In the meantime, amateurs wanting to check on the status of applications filed via the ULS can do so via the ULS home page, <http://www.fcc.gov/wtb/uls>. Clicking on "Application Search" or "License Search" and plugging in the applicable call sign should yield the desired information.

Once the ULS is working as planned, automated acceptance and processing of electronically filed applications—including vanity—is supposed to occur nightly each business day. The built-in lag of at least 10 days between vanity applications and grants will remain, the ULS Task Force says.

To date, it appears that upwards of 15,000 amateurs already have registered in the ULS. The FCC encourages all licensees to register now, even if they have no immediate need to file an amateur

application. On-line registration is available on the ULS home page, <http://www.fcc.gov/wtb/uls/>. This site includes complete registration and connection instructions.

Amateurs having ULS problems or questions should contact the FCC's ULS Technical Support staff at 202-414-1250 or ulscomm@fcc.gov.

No Word Yet On Restructuring

SB QST ARL ARLB059 ARLB059

An FCC staff member says the Commission staff is "diligently working" towards getting a Report and Order on Amateur Radio license restructuring out the door. But beyond that, the FCC staffer—who did not want to be identified by name—said it was impossible to predict when that would happen. He said FCC rules prevent him from revealing any information about "internal thinking or scheduling" regarding the proceeding, known formally as the 1998 Biennial Regulatory Review of Part 97 (WT Docket 98-143).

The FCC's move last spring into consolidated offices at The Portals also disrupted routine work flow.

A year ago, the FCC proposed phasing out the Novice and Technician Plus licenses, leaving Technician, General, Advanced, and Extra in place. The FCC also asked the amateur community to express its opinions on Morse code requirements for licensing and testing, but offered no recommendations.

The previous month, the ARRL Board of Directors issued its own plan to restyle Amateur Radio. Among other details, the ARRL plan also called for four license classes and for "refarming" Novice/Tech Plus subbands to provide additional phone spectrum for higher-class operators. Under the League plan, the Technician license would remain unchanged, and the General would become the entry-level ticket for those interested in HF operation. The ARRL proposed Morse code requirements of 5 WPM for General and 12 WPM for Advanced and Extra class.

"We are simply in that period of time when no information is available," the FCC staff member said. "This is a normal part of the Commission's quasi-judicial decision-making process and a necessary part of being objective and fair to all."

Before the long-awaited Report and Order sees the light of day, the Wireless Telecommunications Bureau staff first must digest the 2200 comments, filed mostly by individuals. Then, the staff will circulate its recommendation to the Commissioners. Commissioners and their staff will mull the WTB input and arrive at a plan.

The ultimate FCC decision will come either at the Commission's monthly meeting or it will be handled "on circulation"—outside of an actual meeting. A Public Notice will be issued, and the actual Report and Order will follow.

The bottom line is that Amateur Radio operators will have to wait a few weeks or a few months longer before the restructuring issue is resolved.

Amateurs wanting to check on the status of applications filed via the ULS can do so via the ULS home page, <http://www.fcc.gov/wtb/uls>.

Changes Sweeping In To November Sweepstakes

from *The ARRL Letter*

Starting this year, the ARRL November Sweepstakes exchange will become a bit more challenging with the addition of three new precedence letters to the list. The change means SS ops will have to be sharper than ever—especially on CW—to make sure they copy the entire exchange correctly. All other elements of the SS exchange will remain the same.

In the past, the precedence—the second element of information stations pass to each other—has consisted of a single letter—A, B, or Q—indicating the station's power level. Starting this fall, the precedence also will indicate the station's entry category, and stations can expect to encounter three new precedence letters: U, M, and S.

Under the revised SS exchange, stations will send "Q" for single operator, QRP (5 W PEP output or less); "A" for single operator, low power (less than 150 W PEP); "B" for single operator, high power (more than 150 W PEP); "U" for single operator, unlimited; "M" for multi-operator; and "S" for school club.

ARRL Contest Branch Manager Dan Henderson, N1ND says the single-op unlimited category lets single operators using packet compete against similar stations instead of against true

... an urgent need for additional equipment, especially VHF and UHF hand-helds and mobile gear.

multi-operator stations where they previously had been listed. There is no power differentiation in the single op, unlimited or for either of the multi-op categories. In another change, the multi-operator category will be allowed unlimited band changes, although it will remain limited to one transmitted signal at any time (ie, single transmitter).

Henderson said all stations using computerized logging now will have to submit their electronic log files, not just a paper file. "Handwritten paper logs are still okay," he said.

The SS rules also will include some changes affecting the school club category. Only current students, faculty, and staff members of an educational institution may participate in a station entering in the school club category.

Henderson said the Contest Branch received more than 3000 SS entries last fall, with slightly more SSB entries than CW and a record number of clean sweeps. "It's the first time we've ever sold out of clean sweep coffee mugs," he said.

The 1999 ARRL November Sweepstakes takes place November 6-8 (CW) and November 20-22 (phone). Complete rules will appear in the October issue of QST.

Contact ARRL Contest Branch Manager Dan Henderson, N1ND, at n1nd@arrl.org or 860-594-0232 for more information.

Ham Radio Providing Post-earthquake Communication Links

from *The ARRL Letter*

Within the first hour of the devastating earthquake August 17 in Turkey, members of the Amateur Radio Emergency Service organized by TRAC, the Turkish Amateur Radio Society, began providing emergency communication. "The first three days following the quake all communication needs were met by radio amateurs," TRAC Secretary Yuksel Hak, TA1BY, reported this week. Hak said telephone and other communication networks had collapsed, either due to power failures or from too much traffic.

The quake in Western Turkey lasted 48 seconds and measured 7.4 on the Richter scale. The death toll to date is 13,000, but it's expected to rise much higher. The earthquake also affected a very large area involving several provinces and towns.

Turkish Prime Minister Bulent Ecevit told CNN that rescue and recovery efforts were hampered by lost communications and limited transportation. "Telecommunications were completely cut off for at least two days in the three provinces which are badly hit," the prime minister said.

Hak said local ARES branches in provinces in the disaster area used both HF and VHF to provide or assist with continuous communication between local crisis desks and the capital city of Ankara. TRAC's Hakan Guner, TA2LJ, said hams used HF mobiles during the initial response, then established local communication by setting up a few VHF repeaters. Guner also cited an urgent need for additional equipment, especially VHF and UHF hand-helds and mobile gear.

Hak said the common frequencies used by ham radio also helped to tie together the incompatible radio systems used by various governmental organizations. "TV networks, daily newspapers and magazines all appreciated the support given by the hams," he said. "This proved the important role of Amateur Radio service in case of disasters."

In the US, the Salvation Army's SATERN is continuing its Amateur Radio efforts to assist in the wake of the earthquake disaster, despite poor propagation to that part of the world and a lack of Turkish stations. The Salvation Army says the SATERN net will continue daily at 1400 UTC on 14.265 MHz in conjunction with various efforts via the Internet.

A new record?

from *The ARRL Letter*: Paul Lieb, KH6HME, in BK29go (Mauna Loa volcano) reports working Clint Walker, W1LP/mm in DL51ce on 144 MHz SSB to claim a new world distance record of 4754 km (2954 miles). Signals reportedly peaked S1. An unsuccessful attempt was made on 432 MHz. W1LP had been hearing beacons for several hours prior to the contact. QST World Above 50 MHz Editor Emil Pocock, W3EP, explains that there is nothing official about DX records. "The recent contact between W1LP/mm and KH6HME is probably the longest two-way 144-MHz contact via tropospheric ducting anywhere in the world," he said. "This is a notable accomplishment."—Chip Angle, N6CA

Top Band Opens At High Noon During Eclipse

from *The ARRL Letter*

For a few brief hours on Wednesday, August 11, the impossible happened: 160 meters opened to summertime, daylight DX. What made it possible was the total—or nearly total—eclipse of the sun.

The August 11 eclipse was the last total solar eclipse of the 20th century. The trajectory of the moon's shadow carried it across Central Europe, Turkey, the Middle East, Pakistan and India. Scientists had theorized that the absence of sunlight in the ionosphere could affect D-layer propagation. NASA had called on hams and SWLs to monitor shortwave signals from Europe before, during, and after the eclipse and report their findings.

Scientific studies by NASA and others aside, Luis Mansutti, IV3PRK, has ample anecdotal evidence in his logbook that the eclipse did, indeed, enhance D-layer propagation.

"It has been a great experience, enjoying such beautiful conditions at noon in the month of August on 160 meters!" he said in a posting to the Topband and Low Band Monitor reflectors. Mansutti—a DXCC Honor Roll member who now DXes exclusively on 160—reports that the eclipse began at his QTH in JN66ne at 0918 UTC, reached a maximum of 96% of totality at 1042 UTC, and was all over at 1206 UTC.

As the eclipse began, Mansutti started hearing signals from the path of totality. After first working DL1DA in Germany, he started calling CQ and managed more than two dozen stations in 13 countries between 1020 and 1130 UTC. Other stations worked were in the UK, France, Sweden, Romania, and Turkey—the QSO times roughly tracking the path of the eclipse across Europe and into Asia Minor. His best DX was GM3POI, some 1740 km away.

For the record, IV3PRK typically runs 600 W to a shunt-fed 29-meter tower that's top-loaded with beams. He receives on a four-square phased mini-array.

Mansutti says the typical 160-meter summertime noise level began to increase as the eclipse ended.

IV3PRK was philosophical about his "fascinating" experience. "Unfortunately, it will not be possible to do it again," he concluded.

NASA reports that a special broadcast of the BBC World Service on 7.325 MHz was beamed toward the US on August 10 and 11 to test shortwave radio propagation conditions during the eclipse. An eclipse-related anomaly in the radio broadcast appears to have been detected on August 11. On August 10, the day before the eclipse, the BBC signal from Rampisham, England, was undetectable from the Marshall Space Flight Center in Alabama due to D-layer absorption over England and the Atlantic. On August 11—the day of the eclipse—the radio signal came in clearly as the moon's shadow crossed the Atlantic.

ARISS Antennas Headed for Pre-flight Processing

from *The ARRL Letter*

Antenna hardware key to the Amateur Radio on the International Space Station program is on its way to the ARISS flight processing facility at NASA Goddard Space Flight Center in Maryland. NASA's SAREX Principal Investigator Matt Bordelon, KC5BTL, says that once all the equipment is in hand, the various antenna system components will be integrated, then undergo flight qualification testing.

The ARISS Italian team has built and shipped L/S-band antennas, diplexers, and radomes which comprise part of the four antenna system packages to be deployed on the ISS later this year. Each antenna system consists of either a VHF/UHF or HF tape antenna, L/S-band antenna, diplexer, mounting plate, mounting clamp, and antenna cable.

While Amateur Radio from space in the past has been confined to VHF and UHF, Bordelon says the ARISS program calls for eventually providing HF capability from the ISS—although that won't happen for at least two or three years from now, when a permanent amateur station is installed aboard the ISS.

"We haven't done HF before from the shuttle or Mir," he said. "A lot of hams have really wanted us to go in that direction." Running HF gear from the space shuttle was deemed impractical because the SAREX program depended on a window antenna. Things will be different with the four, externally mounted antennas on the ISS Service Module, however. Bordelon says that one of the four antenna systems will utilize an HF "carpenter's tape" antenna in place of the VHF/UHF "tape" to provide access to 10, 15 and 20 meters from the ISS.

"We wanted to address some of the interest from the Astronaut Office and from amateurs in the US and Russia concerning HF by providing capabilities on 10, 15, and 20 meters," he said. "It's always been of great interest how those bands would perform from a manned spacecraft."

Bordelon said the ARISS HF antenna will look very similar to the VHF/UHF antenna. "It looks like a carpenter's measuring tape," he said. The HF antenna, still in the design stages, likely will be about 2.5 meters long. HF gear is not scheduled to go aboard the ISS for several more years.

The ARISS flat-spiral, dual-use microwave antennas will provide access to the 1.2 GHz and 2.4 GHz amateur bands, as well as, reception of GPS and to receive video signals for space walks.

The antenna systems, scheduled for delivery aboard shuttle mission STS-101 this December, will make use of four Russian-provided bulkhead feedthroughs on the Service Module, set for launch in November. Astronauts aboard the ISS will connect the initial ARISS radio transceivers and associated hardware to the new antenna systems. The initial ham gear—primarily Ericsson commercial-grade handheld transceivers—will support amateur operation from the ISS on voice and AFSK packet on 2 meters and 70 cm.

For more information on ARISS, visit <http://garc.gsfc.nasa.gov/~ariss/ariss.html>.

Sep. - Oct. VE Exam Schedule



04-Sep-1999
Sponsor: BLOOMINGTON ARC INC
Time: 11:30AM (Walk-ins allowed)
Contact: MILLARD H QUALLS
(812)332-0074
VEC: ARRL/VEC
Location: FIRST BAPTIST UNITED
CHURCH OF CHRIST - LIBRARY
2420 E 3RD ST
BLOOMINGTON, IN 47401

04-Sep-1999
Sponsor: UNSPONSORED
Time: 09:00AM (Walk-ins allowed)

Contact: PEGGY COULTER
(765)288-0481
VEC: ARRL/VEC
Location: CIVIL DEFENSE BUILDING
SW CORNER STATE RD 3 & 100 N
NEW CASTLE, IN 47362

11-Sep-1999
Sponsor: PORTER COUNTY ARC
Time: 9:00 AM (Walk-ins allowed)
Contact: WILLIAM PETERSON
(219)762-2887
VEC: ARRL/VEC
Location: 1ST BAPTIST CHURCH
1401 W PORTER AVE
CHESTERTON, IN 46304

11-Sep-1999
Sponsor: LAKE COUNTY ARC
Time: 8:00 AM (Walk-ins allowed)
Contact: CHARLES SUFANA
(219)923-8308
VEC: ARRL/VEC
Location: IMMANUEL UNITED CHURCH OF CHRIST
2201 AZALEA DR
HIGHLAND, IN 46322

11-Sep-1999
Sponsor: MARION COUNTY ARS
Time: 9:00 AM (Walk-ins allowed)
Contact: GALE A WUOLLETT
(317)849-8449
VEC: Western Carolinas ARS VEC
Location: AMERICAN RED CROSS CHAPTER
441 E 10TH ST
INDIANAPOLIS, IN 46202

11-Sep-1999
Sponsor: OWEN COUNTY ARA
Time: 12NOON (Walk-ins allowed)
Contact: JOHN R ANDERSON
(812)332-3734
VEC: ARRL/VEC
Location: OWEN COUNTY FAIRGROUNDS
HAMFEST REGISTRATION @ 11:00 AM
SPENCER, IN 47460

18-Sep-1999
Sponsor: ANDERSON RC & MADISON CNTY ARC
Time: 10:00AM (Walk-ins allowed)
Contact: EVERETT G RILEY
(765)754-7167
VEC: ARRL/VEC
Location: MADISON COUNTY EMERGENCY MANAGE-
MENT AGENCY HEADQUARTERS
727 W 600 N
OLD SCHOOL BLDG
ANDERSON-ALEXANDRIA, IN 46001

18-Sep-1999
Sponsor: HAMILTON COUNTY ARS
Time: 08:00AM (No walk-ins)
Contact: STEVEN PHENKE
(317)578-0304
VEC: ARRL/VEC
Location: CARMEL FIRE STATION #1
2 CIVIC CIRCLE
CARMEL, IN 46032

18-Sep-1999
Sponsor: MID STATE ARC
Time: 9:30 AM (Walk-ins allowed)
Contact: DAVID A WENDT
(317)881-6531
VEC: ARRL/VEC
Location: JOHNSON COUNTY EMERGENCY OPS CEN-

TER IN BASEMENT
1100 HOSPITAL RD
FRANKLIN, IN 46131

18-Sep-1999
Sponsor: MICHIGAN CITY ARC
Time: 08:00AM (Walk-ins allowed)
Contact: ROBERT A LYLES
(219)874-3386
VEC: ARRL/VEC
Location: RED CROSS CHAPTERHOUSE
232 E 8TH ST
MICHIGAN CITY, IN 46360

19-Sep-1999
Sponsor: W5YI-VEC
Time: Call for time and walk-in info
Contact: WILLARD M PURANEN
(317)453-6542
VEC: W5YI-VEC
Location: CALL FOR SITE LOCATION & TIME
KOKOMO, IN 46902

21-Sep-1999
Sponsor: UNSPONSORED
Time: 6:30 PM (No walk-ins)
Contact: TERRY L MILLER
(765)457-2449
VEC: ARRL/VEC
Location: UAW LOCAL 1166
2761 N 50 EAST RD
APPOINTMENTS ONLY
KOKOMO, IN 46902

25-Sep-1999
Sponsor: W5YI-VEC --- WHITLEY COUNTY ARC
Time: Call for time and walk-in info
Contact: HENRY R MACKEY
(219)244-7735
VEC: W5YI-VEC
Location: WHITLEY COUNTY JAIL BLDG
CALL FOR SITE LOCATION & TIME
COLUMBIA CITY, IN 46725

25-Sep-1999
Sponsor: TRI STATE ARS
Time: 09:00AM (Walk-ins allowed)
Contact: TERRY L BROOKS
(812)421-9135
VEC: ARRL/VEC
Location: AMERICAN RED CROSS
111 E DIAMOND AVE
EVANSVILLE, IN 47711

25-Sep-1999
Sponsor: CLINTON COUNTY ARC
Time: 9:00 AM (Walk-ins allowed)
Contact: DONALD L LECKLITNER
(765)249-2020
VEC: ARRL/VEC
Location: FRANKFORT PUBLIC LIBRARY
208 W CLINTON ST
COURTHOUSE SQUARE
FRANKFORT, IN 46041

25-Sep-1999
Sponsor: TIPPECANOLA ARA (IARA)
Time: 1:00 PM (Walk-ins allowed)
Contact: JEFFREY W STEWART
(765)497-1498
VEC: ARRL/VEC
Location: RED CROSS CHAPTER HOUSE
111 S 7TH ST
LAFAYETTE, IN 47901

02-Oct-1999
Sponsor: BLOOMINGTON ARC INC
Time: 11:30AM (Walk-ins allowed)
Contact: MILLARD H QUALLS
(812)332-0074
VEC: ARRL/VEC
Location: FIRST BAPTIST UNITED CHURCH OF
CHRIST - LIBRARY
2420 E 3RD ST
BLOOMINGTON, IN 47401

02-Oct-1999
Sponsor: RED CROSS ARC
Time: (Walk-ins allowed)
Contact: GALE A WUOLLETT
(317)849-8449

VEC: ARRL/VEC
Location: AMERICAN RED CROSS
441 E 10TH ST
INDIANAPOLIS, IN 46202

02-Oct-1999
Sponsor: UNSPONSORED
Time: 09:00AM (Walk-ins allowed)
Contact: PEGGY COULTER
(765)288-0481
VEC: ARRL/VEC
Location: CIVIL DEFENSE BUILDING
SW CORNER STATE RD 3 & 100 N
NEW CASTLE, IN 47362

09-Oct-1999
Sponsor: PORTER COUNTY ARC
Time: 9:00 AM (Walk-ins allowed)
Contact: WILLIAM PETERSON
(219)762-2887
VEC: ARRL/VEC
Location: 1ST BAPTIST CHURCH
1401 W PORTER AVE
CHESTERTON, IN 46304

10-Oct-1999
Sponsor: WABASH VALLEY ARA
Time: 1:00 PM (Walk-ins allowed)
Contact: ROBERT J HARKER
(812)235-9374
VEC: ARRL/VEC
Location: RED CROSS BLDG - BASEMENT
700 S 3RD ST
US HWY 41
TERRE HAUTE, IN 47807

16-Oct-1999
Sponsor: MID STATE ARC
Time: 9:30 AM (Walk-ins allowed)
Contact: DAVID A WENDT
(317)881-6531
VEC: ARRL/VEC
Location: JOHNSON COUNTY EMERGENCY OPS
CENTER IN BASEMENT
1100 HOSPITAL RD
FRANKLIN, IN 46131

19-Oct-1999
Sponsor: UNSPONSORED
Time: 6:30 PM (No walk-ins)
Contact: TERRY L MILLER
(765)457-2449
VEC: ARRL/VEC
Location: UAW LOCAL 1166
2761 N 50 EAST RD
APPOINTMENTS ONLY
KOKOMO, IN 46902

22-Oct-1999
Sponsor: LAKE COUNTY ARC
Time: 7:00 PM (Walk-ins allowed)
Contact: CHARLES SUFANA
(219)923-8308
VEC: ARRL/VEC
Location: IMMANUEL UNITED CHURCH OF
CHRIST
2201 AZALEA DR
HIGHLAND, IN 46322

30-Oct-1999
Sponsor: TRI STATE ARS
Time: 09:00AM (Walk-ins allowed)
Contact: TERRY L BROOKS
(812)421-9135
VEC: ARRL/VEC
Location: AMERICAN RED CROSS
111 E DIAMOND AVE
EVANSVILLE, IN 47711

30-Oct-1999
Sponsor: W5YI
Time: (No walk-ins)
Contact: G CURTIS VAN DE WATER
(219)858-2474
VEC: W5YI-VEC
Location: CAN ALSO CALL 219-267-5400 FOR
TEST LOCATION & TIME
WARSAW, IN 46580

Hiram Percy Maxim Event Returns

ZCZC AX06 QST de WIAW Special Bulletin 6 ARLX006
From ARRL Headquarters Newington CT August 31, 1999 To
all radio amateurs

An operating event to honor the 130th anniversary of the birth of the ARRL's first president and key founder, Hiram Percy Maxim, WIAW, takes to the airwaves in early September. Maxim was born September 2, 1869, so the Hiram Percy Maxim 130th Birthday Celebration—also known as HPM/130—appropriately begins September 2 and continues through September 11. During that period, eligible amateurs may sign /130. Other stations will work as many /130 stations as they can.

Those eligible to sign /130 include League members holding ARRL field appointments, ARRL elected volunteers—such as ARRL officers, directors and section managers, past directors and officers, ARRL life members, and ARRL HQ staff, as well as DXCC field reps. Assistant emergency coordinators, awards managers, QSL bureau workers and volunteer examiners may sign /130 if they are ARRL members.

The operating period is from 0000 UTC Thursday, September 2, until 2400 UTC Saturday, September 11. All stations signing /130, send RS(T), their appointment, and their name: others send RS(T) and their name.

/130 stations may be contacted on any band or mode for credit. You can work a station once per band and mode. Repeater contacts are valid for credit, but be considerate of other users during busy periods.

Certificates are available for making at least 25 contacts with /130 stations and endorsement increments of 25 up to a maximum of 100.

All /130-eligible stations are encouraged to be as active as possible. Complete details on the HPM/130 event and a list of ARRL field positions appear in September 1999 QST, page 48. NNNN /EX

Sweden Cuts Top Code Speed

from *The ARRL Letter* — Sweden cuts top code speed, license classes: Sweden has cut its Morse code speed requirement from 12 to 5 WPM and reduced the number of license classes from four to two. The Class 1 license offers all Swedish amateur privileges and requires a 5 WPM CW test, while the Class 2 ticket is a no-code license for VHF/UHF operation only. In addition, Sweden reportedly has a new three-year nonrenewable “study license” that offers full—and unsupervised—VHF/UHF privileges.—W5Y1 Report; Newsline

World Amateur Radio Day – 9/18/99

from *The ARRL Letter* — World Amateur Radio Day—present and future: World Amateur Radio Day is September 18, 1999—the last time that World Amateur Radio Day will be celebrated in September. This year's theme is “Celebrating success in amateur digital communication.” Starting in 2000, the day will be marked on the anniversary of the International Amateur Radio Union, April 18.—IARU

Correct Case Please!

When sending articles or for sale items for inclusion in *Hamsplatter* or even your own outgoing e-mail please use correct capitalization. Don't type in either all uppercase or all lowercase. All personal computer keyboards have a shift key. **Please use it.** Reserve all uppercase for acronyms and for emphasis in plain text e-mail where styled text is not available. Either all uppercase or all lowercase is tiring to the eyes to read (although I had one gentleman tell me uppercase is easier for him to read). All uppercase messages in e-mail is considered “shouting”. All lowercase is just plain laziness!

Case carries information. When all one case is used, the number of available characters is cut in half and hence information is lost. Most abbreviations require proper case. Consider the following:

decibel	dB
decibel referenced to one milliwatt	dBm
mega	M
milli	m
kilohertz	kHz
megahertz	MHz
gauss	G
gram	g

I think you get the picture. Incorrect case with abbreviations leads to ambiguities and errors. Most company names, product names, and model numbers require correct case.

The *Hamsplatter* editor reserves the right to return submissions to the author for case correction. It is too time consuming to correct long lists of for sale items and articles.

QSL Service Handling Cards for Congo

from *The ARRL Letter* — Outgoing QSL Service handling cards for Congo: Effective immediately the ARRL Outgoing QSL Service will forward cards to the Democratic Republic of Congo (90-9T, formerly Zaire). The new Congo national Amateur Radio society is Association des Radio Amateurs du Congo (ARAC), PO Box 1459, Kinshasa 1, Democratic Republic of Congo. By the way, the Outgoing QSL Service has cleared its backlog. As of the end of July, 1,081,320 cards had been handled (this includes cards going to US incoming QSL bureaus and cards sorted by contractor).

W6WX Beacon Now On 18 and 24 MHz

from *The ARRL Letter* — NCDXF's W6WX beacon now on 18 and 24 MHz: Bob Fabry, N6EK, reports that authority for the Northern California DX Foundation's W6WX beacon to operate on 18 and 24 MHz has come through from the FCC, and W6WX now is transmitting on five bands. He reports that the request for the KH6WO Hawaiian beacon to operate on those bands will go to the FCC soon. More information on the beacon system can be found at <http://www.ncdxf.org/index.htm>.—Bob Fabry—N6EK

**The operating period is
from 0000 UTC Thurs-
day, September 2, until
2400 UTC Saturday,
September 11.**

**Incorrect
case with
abbrevia-
tions leads
to ambigu-
ities and
errors.**



For Sale

- A stacked pair of 11 element 2 mtr beams with cross arm and splitter cable. I believe they are 12 ft booms. Will sell for \$150.00 or trade for a tri-band omni base antenna 6/2/440.
- A 7 element 6 mtr beam with new balun. 20 ft boom \$65.00

k9jhg, Jim at 219-565-3364, k9jhg@adamswells.com



1. Kenwood TS-830s with WARC channels & Desk Mic
2. Yaesu FT-3000m 70watt 2meter mobile (like new)
3. MFJ 1278B Multi-mode TNC
4. MFJ Deluxe versa-tuner 2
5. Ringo Ranger 2-meter antenna
6. Cushcraft A148-10s 2meter 10 element beam
7. 10-160 meter long-wire HF antenna

Selling as a lot. \$1,050.00

Contact Mike Graham, N9ZNT, at 478-4556 or n9znt7@gte.net



- Drake TR-4 xcvr 300w input ssb mint condx w/AC supply & manual \$295
- Yaesu FC-20 auto ant tuner for FT-847 100 w 160-6 mtrs new w/box & man \$250
- Gates M-5078 50w am/cw xmtr w/AC supply pr 6L6 mod 6146 final / man \$250
- KLM 2mtr fm-cw solid state amp 10w in 70w out \$75
- Motorola EB-67 440mhz linear solid state amp 10w input requires 28vdc \$100
- Ramsey 40mtr QRP xmtr + HB direct conversion rx +TRAC CMOS keyer \$100
- SBE SB-450TRC 2mtr-440 FM-CW transverter 20w in-10w out \$95
- Mirage B-1016G 2mtr solid state linear amp 10w in-160w out w/pre amp \$225
- Rf Concepts RFC 4-310 solid state linear amp w/pre amp 30in-160out \$250
- T Berry T-SCAN 4ch scanner 150-170mhz handheld \$10
- Midland 13-500 2mtr FM mobile 12ch xtal solid state 1-15w w/man \$95
- TS-175 A/U freq mtr 85-1000mhz WWII surplus \$25
- RCA 710-A signal generator 255-540mhz \$25
- Texscan VS-60 sweep generator \$25
- B&K model 120 VOM similar to SIMPSON 260 \$45
- Tandy computer A-B switch for serial port 9pin DIN connectors \$10
- Cesco/Newtronics swr/relative power meter 2-150mhz \$15
- EF Johnson Messenger 123-A 23ch AM cb \$10
- Jerold CATV converter \$25
- Collins T-217/GR 400mhz amp pair 4X-150A autotune w/schematic \$100
- 26-910 inverter 12-14vdc in @20a 110vac out @185-190w \$45

- telephone touch tone pad w/mounting \$5
 - Eico model 250 AC VTVM & amp \$15
 - B&K model 177 vtvm \$25
 - KNIGHTKIT P2/swr-pwr meter 1.8-432mhz \$25
 - Icom HT spkr/mic \$15
- Many other items & components too numerous to mention
Gene W9MZH 219-432-6175 or W9MZH@JUNO.COM



- KLM KT34XA 6 element tri-bander, original discount price was \$740.00, now asking \$250.00
 - Accompanying HDR 300/A Hygain rotor, new discount was \$999.00. Now asking \$250.00
 - Cushcraft Jr. Boomer 214FB stacked 2 meter 13 element beam, 20 db. Asking \$200.00
- Owner changing ham operations

Contact point: Roger Peugh / W9JAC
401 WOOD STREET
WINONA LAKE, IN 46590
219-269-1957

NOTE: For Sale & Wanted items will be listed for 2 months only unless the ad is resubmitted. If you sell an item the first month, please contact the editor so the item can be removed. Thank you.

Upcomming Regional Hamfests

September 11	Spencer, IN
September 12	Joliet, IL
September 11-12	Louisville, KY
September 12	Findlay, OH
September 18	Rolling Meadows, IL
September 18-19	Peoria, IL
September 18	Grand Rapids, MI
September 19	Adrian, MI
September 19	Cincinnati, OH
September 25-26	Grayslake, IL
September 26	Cleveland, OH
October 3	Bedford, IN
October 10	Oak Brook Terrace, IL
October 10	Lima, OH
October 17	Kalamazoo, MI
October 24	Warren, MI
October 24	Lebanon, IN
October 31	Marion, OH
November 7	Massillon, OH
November 7	St. Joseph, MI
November 7	Kaukauna, WI
November 13-14	Fort Wayne, IN
November 27	Evansville, IN
December 5	Greenfield, IN
January 8	South Bend, IN

For more complete hamfest information visit the
ARRL Hamfest and Convention Database:
<http://www.arrl.org/hamfests.html>

Membership Data: (Give this form to the treasurer at any FWRC meeting or mail to the address below)

Name _____ Call _____ Class: ☐ N ☐ T ☐ G ☐ A ☐ AE

Street _____

City _____ State ____ Zip _____

Home Phone: _____

Work Phone: _____

E-mail: _____

MEMBERSHIP HANDBOOK -- Provided at no cost to club members, this handbook provides a full set of information about present and past club activities, events, and functions. The handbook is available in a clear cover binder, and is upgradeable by easy insertion of new pages into the binder.

The FWRC is moving toward electronic information distribution. Are you interested in receiving information from the club by E-MAIL? ☐ Y ☐ N

Shall we list your address and phone number in the membership roster ☐ Y ☐ N?

Are you presently an ARRL member ☐ Y ☐ N?

Membership Term: ☐ (Jan - Dec) ☐ (Jul - Dec)

Family Membership: ☐ \$21.00/yr ☐ \$10.50/yr immediate family (list all callsigns)

Regular Membership: ☐ \$15.00/yr ☐ \$7.50/yr licensed member

Student Membership: ☐ \$6.00/yr ☐ \$3.00/yr full time student

Associate Membership: ☐ \$15.00/yr ☐ \$7.50/yr unlicensed member

Your Check Number _____ please pay by check. It's easier for both of us.

Mail to: The Fort Wayne Radio Club
PO Box 15127
Fort Wayne, IN 46885

Fort Wayne Radio Club Repeaters

Voice: 146.76/16

146.94/34

444.875/449.875

ATV: 439.25 In, 910.250 Out

Please send any articles, corrections, for sale notices, etc. to the editor, Victor Guess, WB9UZA, via e-mail WB9UZA at aol.com. Please put "for Hamsplatter" in the Subject line. Text should be plain ASCII, graphics should be JPEG or GIF. For those computer impaired: snail mail to 3311 Sanibel Drive, Fort Wayne, IN, 46815-4755.

Deadline for the October issue: 10/1/99.

Please do NOT send anything in all caps!!

Be sure to visit the Fort Wayne Radio Club on the Internet: <http://home1.gte.net/n9iww2/fwrc/>

Area Traffic Nets

(please submit any changes or corrections to the editor)

IMO: meets nightly at 2330 UTC (6:30 PM) on 146.88

Auburn: meets Mon, Wed., Thur., Fri., & Sat. at 2300 UTC (6 PM) on 147.015+

21 Repeater Group: meets each Wednesday at 0200 UTC (9 PM) on 147.150

Fort Wayne 6M net: meets nightly at 0000 UTC (7 PM) on 50.58 AM

Miscellaneous Nets

Huntington ARES: Sat/Tues at 0100 UTC (8 PM) on 146.685

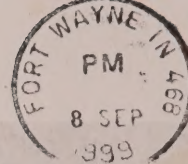
Portside: 3rd Wednesday at 0030 UTC (7:30 PM) on 444.300

Whitley Co. / ARES: Wednesdays at 0015 UTC (7:15 PM) on 145.270 - (Note 131.8 PL disabled for all nets)

Whitley Co. Sunday: Sundays at 0045 UTC (7:45 PM) on 444.550+. (The 146.460 simplex crossbanding from both nets has been dropped.)

Sloppy Code Net: Sundays at 0200 UTC (9 PM) on 40M (7.1405 MHz). This CW net's purpose is to build confidence and help increase code speed. The speed is generally 1-10 WPM. If you want to copy only contact Henry, KA9ZNN at 749-8968 for details.

THE FORT WAYNE RADIO CLUB
PO BOX 15127
FORT WAYNE, IN 46885



TO:

